

ASUS ExpertCenter P600 AiO PM640KA-BPC092X Copilot+ PC AMD Ryzen™ AI 5 330 60.5 cm (23.8") 1920 x 1080 pixels All-in-One PC 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 6 (802.11ax) Black

Brand : ASUS

Product family: ExpertCenter
P600 AiO

Product code: 90PT0464-M00J30

Product name : PM640KA-BPC092X Copilot+ PC

- Windows 11 Pro for business use
- AMD Ryzen™ AI 5 330 CPU
- First ASUS AiO Copilot+ PC
- 23.8" FHD wide-view display
- AI power with up to 50 NPU TOPS
- Secure with ASUS ExpertGuardian

AMD Ryzen AI 5 330 (2GHz), 16GB DDR5-SDRAM, 512GB SSD, 23.8" Full HD 1920 x 1080 LCD, AMD Radeon 820M, LAN, WLAN, Bluetooth, Webcam, Windows 11 Pro 64-bit

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Brilliant. Adaptive. Expertly built.

ASUS ExpertCenter P600 AiO delivers next-level AI-powered performance for modern business needs. As the first ASUS all-in-one Copilot+ PC1, it's equipped with an AMD Ryzen™ AI 5 330 processor to effortlessly handle demanding AI tasks and boost productivity. The 23.8-inch FHD wide-view Display2 offers an immersive visual experience, while a retractable camera ensures privacy with a streamlined design. Engineered with a NIST SP 800-15-compliant BIOS and optional TPM 2.03, ASUS ExpertCenter P600 AiO provides robust security to safeguard your business data.

Display		Network	
Display diagonal *	60.5 cm (23.8")	Ethernet LAN *	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth *	✓
Full HD	✓	Bluetooth version	5.4
HD type *	Full HD	Ports & interfaces	
Native aspect ratio	16:9	Ethernet LAN (RJ-45) ports	1
Display brightness	250 cd/m²	USB 2.0 ports quantity *	1
Panel type	LCD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Contrast ratio (typical)	1000:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Maximum refresh rate	100 Hz	HDMI ports quantity *	2
RGB colour space	sRGB	HDMI input ports quantity	1
Anti-glare screen	✓	HDMI output ports quantity	1
Colour gamut	100%	HDMI version	1.4/2.1b
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	DC-in jack	✓
Processor family *	AMD Ryzen™ AI 5	Power adapter barrel connector	4.5 mm
Processor generation	AMD Ryzen AI 300 Series	Design	
Processor model *	330	Colour name	Black
Processor cores	4	Product colour *	Black
Processor threads	8	Cable lock slot	✓
Processor boost frequency	4.5 GHz	Cable lock slot type	Kensington
Processor frequency *	2 GHz	Certified refurbished	✗
Processor cache type	L2 & L3	Performance	
L2 cache	4 MB	Product type *	All-in-One PC
L3 cache	8 MB		



Neural processor unit (NPU)		Performance	
Copilot+ PC	✓	Market positioning	Business
Neural processor unit (NPU)	AMD Ryzen AI	Trusted Platform Module (TPM)	✓
Total processor performance up to	56 TOPs	Trusted Platform Module (TPM) version	2.0
NPU performance up to	50 TOPs	Windows Hello	✓
Memory		BIOS password	✓
Internal memory *	16 GB	HDD user password	✓
Internal memory type	DDR5-SDRAM	Software	
Maximum internal memory *	64 GB	Operating system architecture	64-bit
Memory slots	2	Operating system installed *	Windows 11 Pro
Memory slots type	SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	120 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	512 GB	Weight & dimensions	
SSD interface	PCI Express 4.0	Width (with stand)	541 mm
NVMe	✓	Depth (with stand)	210 mm
SSD form factor	M.2	Height (with stand)	416 mm
Optical drive type *	✗	Weight (with stand)	9 kg
Graphics		Depth (without stand)	17 mm
Discrete graphics card *	✗	Certificates	
Discrete graphics card model *	Not available	Compliance certificates	REACH
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	AMD	Sustainability certificates	ENERGY STAR, EPEAT Gold
On-board graphics card family	AMD Radeon	Packaging content	
On-board graphics card model *	AMD Radeon 820M	Mouse included	✓
Audio		Mouse connectivity	Wireless
Built-in speaker(s) *	✓	Mouse included on selected markets	✓
Built-in microphone	✓	Keyboard included	✓
Camera		Keyboard connectivity	Wireless
Built-in camera *	✓	Keyboard included on selected markets	✓
Infrared (IR) camera	✓	Other features	
Network		Stand type	Height adjustable stand
Wi-Fi *	✓		
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		
Wi-Fi standards	Wi-Fi 6 (802.11ax)		
Antenna type	2x2		



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Catalog Object Cloud



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